



NOTICE OF JOB OPENING

POWER SYSTEMS MECHANIC HELPER / OPERATOR

Posting Date: February 18, 2022
Department: Light & Power
Reports to: Power Plant Supervisor
Position Type: Grade N14 – Salary Range - \$26.14 - \$38.60 per hour
How to Apply: Applications available at bountifulutah.gov
BOUNTIFUL CITY APPLICATION REQUIRED
Send to: Human Resources, 795 South Main Street, Bountiful, Utah 84010
Email: jobs@bountiful.gov
Application Deadline: 6:00 P.M., Thursday, March 3, 2022

Overview:

Assist with or perform as assigned the inspection, testing, and maintenance tasks necessary for all mechanical equipment associated with all power department generation facilities. Assist with or perform as assigned building maintenance for all power department buildings. Performs as a backup Power System Operator/Scheduler as assigned.

Essential Responsibilities:

- Assist or perform regular maintenance, repairs, and overhauls on all generating equipment including but not limited to natural gas turbine generators, hydroelectric turbine-generators, emergency generators, etc.
- May be required to operate lathes, milling machines, shaping machine, power saw, drill press, grinder, acetylene, and all welding machines with all attachments in doing all types of basic welding and fabrication
- Assist or perform maintenance and repairs of all mechanical equipment in the electric generating plants including water and oil pumps, fans, turbines, governors, auxiliary turbines, valves, air compressors, variable speed drives, water softening and treating equipment, water piping, oil coolers, and all other associated equipment
- Perform all Power System Operator/Scheduler II duties, assigned shifts, cover dispatchers' vacation, sick leave and assist during emergencies. Operate the system during the shift as scheduled by Power Plant Supervisor
- Monitor Power Plant inventory and supplies, informs plant supervisor of replacements as needed
- Perform other duties as assigned

Knowledge, Skills, and Other Characteristics:

Must have a knowledge of engines, their purposes, their maintenance, and their reconstruction.

Must have a basic knowledge of electricity.

Must have computer skills sufficient to create and work with, spreadsheets, budgets, inventories, and reports.

Mathematical development sufficient to be able to understand the practical application of fractions, percentages, ratio and proportion, practical algebra, geometric construction or essentials of trigonometry.

Must be knowledgeable on proper use of personal protective equipment and lock out tag out programs.

Must be able to perform all duties and responsibilities of a Power System Scheduler/Operator II.

Critical Skills-Expertise:

- Solve problems and make decisions using facts and personal judgment
- Deal with various kinds of people
- Communicate both verbally and in writing with good language skills
- Work in sometimes stressful, high-pressure situations
- Able to distinguish and work with colors
- Work safely and effectively on individual or team projects
- Work rotating shifts that will include holidays and may affect sleep-wake cycle
- Maintain strict confidentiality concerning information obtained while performing the duties of the job
- Carry a cell phone and be available for call backs. Will be required to cover on-call shifts as assigned
- Live within a 20-minute response area

Physical Requirements:

This position requires some strenuous physical effort. It may include frequent lifting of up to 50 lbs. and occasional lifting of up to 100 lbs. Talking, hearing, seeing, standing, bending, climbing, stooping and/or lifting will be required. This position requires working rotating shifts revolving around a 24-hour operation. Must be capable of working scheduled and non-scheduled hours which may affect sleep-wake cycle.

Environmental Conditions:

Limited outdoor exposure to weather conditions. Indoor exposure to temperature extremes of heat plus temperature changes sufficiently high and abrupt enough to cause marked bodily discomfort and noticeable bodily reactions. Exposure to noise and vibration. Noise and Vibration: Sufficient noise, either constant or intermittent sufficient to cause marked distraction or possible injury to the sense of hearing, and/or sufficient vibration to cause bodily harm if endured day after day without adequate protection. Requires working on generation equipment and motors which have the potential of 120-480volt, 5kv, and 15kv, which can or could cause severe injury. Required to work around moving machinery and dangerous chemicals.

Licenses and Certifications:

Must have technical schooling background or experience with emphasis on stationary turbine or engines.
Must have a valid Utah Driver's License.

Education and Experience:

Graduation from a standard high school.

Two (2) years technical schooling with emphasis on engines or related field and two (2) years experience or equivalent combination of education and experience.

Two (2) years experience of Bountiful Power Plant operations or equivalent.

At least one year experience as an Operator/Scheduler or equivalent.

Basic knowledge of generation equipment and Power Plant operations.

Must have a basic knowledge of an electrical utility system.

Adequately pass a written and practical general exam pertaining to dispatch duties, power grid knowledge, map reading, generation equipment, and plant operation.

Must be able to pass a pre-employment drug screen, background and driving record check.